SUPPORT 3D PLAYBACK

Internal 12X SATA BD Writer - iHBS312

The 12x BD burner that delivers a perfect 25GB disk in under 12 minutes

The fastest way to burn Blu-ray discs – the iHBS312 lets you record a maximum of 50 GB of data on a double layer disc at an unprecedented 12x*.

Combining fast start up, SATA interface technology, and 12 x recording speed, the iHBS312 allows you to rapidly burn up to 25GB on a single layer disc, or 50 GB on a double layer disc. Reliably record 9 hours of HD video, thousands of high resolution photos, or backup vital business documents. Play and enjoy full HD Blu-ray videos at 1080p. Auto Balancing decreases vibrations caused by unbalanced discs, reducing operational noise, reducing read errors, and performing perfect burns on a wide range of media. Lite-on's exclusive SMART utilities ensure that every disc is recorded at maximum speed and maximum quality. Powerful SMART Burn optimizes the burn quality of each disc eliminating the burn failure of costly blank Blu-ray discs.

The iHBS312 drive brings powerful Blu-ray burning abilities to any advanced PC system, while the short loader design drive fits into mini desktop cases, also making the drive a superb match for your home theater PC.

- The fastest high-capacity Blu-ray writer on the market, featuring 12x Blu-ray writing*, 25 GB single layer, 50 GB double layer capacity, and utilizing a high-speed SATA interface for an unequaled 25GB single layer burn in under 12 minutes.
- Lite-On SMART-X system adjusts the extraction rate for maximum performance for the media and for the individual computer providing the quickest disc production possible.
- Quick boost makes the drive more responsive by rapidly preparing the drive for burning or reading operations.
- SMART Burn compares the disc to be burned with an updated detailed list from Lite-On and automatically adjusts writing strategy to provide the best burn quality. This advanced system reduces disc errors and wasted discs.
- ABS reduces operational noise and vibration for reliable writing and enhanced playback enjoyment.
- Plays HD content from Blu-ray video discs using PowerDVD for the full high definition experience. Short loader design Provides better airflow and well-suited for today's mini desktop PCs.

- Only certain brands of media are suitable for full 12 speed recording, check www.liteonit.com for an approved media list

LITEON®

Designed by PHILIPS & LITE-ON Digital Solutions Corp.

All contents are subject to change without notice

12X SATA BD WRITER - iHBS312

Features:

- 5 ¼", half height, SATA interface internal BD-writer drive
- SMART-X Smart Monitoring & Adjusting Read-speed Technology for eXtraction
- Seamless Link function can avoid buffer under run as well as get the best writing quality by smartly adjusting writing strategy
- ABS system reduce vibration and noise during recording and reading
- Suppor Over-Burn and Raw mode copy
- BD read complaint: BD data
- AACS compliant (incl. Rom mark)
- Conform to Orange Book: Part 2 CD-R Volume1, Part 2 CD-R Volume 2 Multi Speed, Part 3 CD-RW Volume 1 (1x,2x, and 4x), Part 3 CD-RW Volume2: High Speed, Part 3 CD-RW Volume 3: Ultra Speed. Support Fixed packet, Variable packet, Disc-at-once, Session-at-once and Track-atonce
- CD read complaint: CD-DA, CD-ROM,CD-ROM/XA, Photo-CD, Multi-session, Video-CD, CD-I FMV, CD Extra, CD Plus, CD-R, and CD-RW
- Support both 8cm and 12cm disc of CD and DVD family

Specfications:

BD Family:

Read
BD-ROM/R/RE SL 8X maximum by CAV
BD-ROM/R DL 8X maximum by CAV
BD-RE DL 6X maximum by CAV

Write
BD-R SL 12X maximum by CAV
BD-R DL 8X maximum by Z-CLV

ReWrite
BD-RE SL/DL 2X maximum by CLV

Rand. access time
BD SL 250MS
BD DL 380MS

DVD Family:

Write
DVD±R 16X maximum by CAV
DVD±R9 8X maximum by Zone CLV
DVD-RAM 12X maximum by CAV

ReWrite
DVD+RW 8X by Z-CLV
DVD-RW 6X by Zone CLV
Read 16X maximum by CAV

Rand. access time
DVD ROM 150ms
DVD R DL 160ms
DVD-RAM 200ms

CD Family:

Write
CD-R 48X by CAV

ReWrite
CD-RW 48X by CAV

Read
48X maximum by CAV

Rand. access time
150ms

Buffer Size: 8MB

Compatibility: Windows® XP/2003/Vista/7 and Linux

MTBF(Life) : 60000 POH

Environment:
Operating 5°c to 50°c; Relative Humidity 15% to 80%
Non-Operating -40°c to 65°c; Relative Humidity: 15% to 95%

Dimension: 146(W) X 41.3(H) x 170(D) mm

Weight: <0.65 Kg

Voltage Requirements:
+5V±5% and less than 100 mVp-p ripple voltage
+12V±10% and less than 200 mVp-p ripple voltage

Smart-X: Smart Monitoring & Adjusting Read-speed Technology for eXtraction.

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